

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions,
and listings, of claims in the application:

LISTING OF CLAIMS:

1-17. (cancelled).

18. (new) An information record medium, comprising:
recorded object data, the object data being a multiplex
of a first stream including still picture information and a
second stream including audio information by a unit of packet;
and

recorded reproduction control information, the
reproduction control information comprising:

i) first reproduction sequence information which
designates a reproduction sequence of the first stream by a first
unit and which includes time information indicating a
reproduction start timing of the first unit;

ii) reproduction time information which indicates
whether each still picture of the still picture information of
the first stream is a finite value or an infinite value, and
which indicates a reproduction time of the still picture whose
reproduction time is the finite value;

iii) first type information which indicates a type of
the first unit;

iv) first storage position information which indicates a storage position of the object data designated by the first unit;

v) second reproduction sequence information which designates a reproduction sequence of the second stream, and which includes audio repeat information indicating whether or not the audio information of the second stream is to be repeatedly reproduced;

vi) second type information which indicates a type of the second stream; and

vii) second storage position information which indicates a storage position of the object data designated by the second reproduction sequence information,

wherein the object data and the reproduction control information are recorded separately at different areas.

19. (new) The information record medium according to claim 18,

wherein the audio information has a beginning and an end; and

wherein repeat reproduction of the audio information according to the audio repeat information is the repeated reproduction of same audio information through the end of the audio information consecutively followed by the further reproduction of the audio information from the beginning of the

audio information so that the repeated reproduction of the same audio information is continued during the reproduction of the still picture information resulting in a total reproduction time of the repeat reproduction of the audio information that is equal to a total reproduction time of the still picture information.

20. (new) An information recording apparatus comprising:

a first recording unit which records object data formed by multiplexing a first stream including still picture information and a second stream including audio information by a unit of packet; and

a second recording unit which records reproduction control information comprising:

first reproduction sequence information which designates reproduction sequence of the first stream by a first unit and which includes time information indicating a reproduction start timing of the first unit;

reproduction time information which indicates whether each still picture of the still picture information of the first stream is a finite value or an infinite value, and which indicates a reproduction time of the still picture whose reproduction time is the finite value;

first type information which indicates a type of the first unit;

first storage position information which indicates a storage position of the object data designated by the first unit;

second reproduction sequence information which designates

reproduction sequence of the second stream, and which includes audio repeat information indicating whether or not the audio information of the second stream is to be repeatedly reproduced;

second type information which indicates a type of the second stream; and

second storage position information which indicates a storage position of the object data designated by the second reproduction sequence information,

wherein the first recording unit and the second recording unit record the object data and the reproduction control information separately at different areas.

21. (new) An information recording method comprising:

a first recording process which records object data formed by multiplexing a first stream including still picture information and a second stream including audio information by a unit of packet; and

a second recording process which records reproduction control information comprising:

first reproduction sequence information which designates a reproduction sequence of the first stream by a first unit and which includes time information indicating a reproduction start timing of the first unit;

reproduction time information which indicates whether each still picture of the still picture information of the first stream is a finite value or an infinite value, and which indicates a reproduction time of the still picture whose reproduction time is the finite value;

first type information which indicates a type of the first unit;

first storage position information which indicates a storage position of the object data designated by the first unit;

second reproduction sequence information which designates reproduction sequence of the second stream, and which includes audio repeat information indicating whether or not the audio information of the second stream is to be repeatedly reproduced;

second type information which indicates a type of the second stream; and

second storage position information which indicates a storage position of the object data designated by the second reproduction sequence information,

wherein the first recording process and the second recording process record the object data and the reproduction control information separately at different areas.

22. (new) An information reproduction apparatus for reproducing an information record medium recording object data and reproduction control information, the object data being formed by multiplexing a first stream including still picture information and a second stream including audio information by a unit of packet, the object data and the reproduction control information being recorded separately at different areas,

the reproduction control information comprising:

first reproduction sequence information which designates a reproduction sequence of the first stream by a first unit and which includes time information indicating a reproduction start timing of the first unit;

reproduction time information which indicates whether each still picture of the still picture information of the first stream is a finite value or an infinite value, and which indicates a reproduction time of the still picture whose reproduction time is the finite value;

first type information which indicates a type of the first unit;

first storage position information which indicates a storage position of the object data designated by the first unit;

second reproduction sequence information which designates reproduction sequence of the second stream, and which includes audio repeat information indicating whether or not the audio information of the second stream is to be repeatedly reproduced;

second type information which indicates a type of the second stream; and

second storage position information which indicates a storage position of the object data designated by the second reproduction sequence information,

the information reproduction apparatus comprising:

a reading unit which reads the still picture information, the audio information and the reproduction control information from the information record medium;

a still picture reproduction unit which reproduces the still picture information; and

an audio reproduction unit which reproduces the audio information simultaneously with reproduction of the still picture information in accordance with the audio repeat information in the reproduction control information.

23. (new) An information reproduction method for reproducing an information record medium recording object data and reproduction control information, the object data being formed by multiplexing a first stream including still picture

information and a second stream including audio information by a unit of packet, the object data and the reproduction control information being recorded separately at different areas,

the reproduction control information comprising:

first reproduction sequence information which designates a reproduction sequence of the first stream by a first unit and which includes time information indicating a reproduction start timing of the first unit;

reproduction time information which indicates whether each still picture of the still picture information of the first stream is a finite value or an infinite value, and which indicates a reproduction time of the still picture whose reproduction time is the finite value;

first type information which indicates a type of the first unit;

first storage position information which indicates a storage position of the object data designated by the first unit;

second reproduction sequence information which designates reproduction sequence of the second stream, and which includes audio repeat information indicating whether or not the audio information of the second stream is to be repeatedly reproduced;

second type information which indicates a type of the second stream; and

second storage position information which indicates a storage position of the object data designated by the second reproduction sequence information,

the information reproduction method comprising:

a reading process which reads the still picture information, the audio information and the reproduction control information from the information record medium;

a still picture reproduction process which reproduces the still picture information; and

an audio reproduction process which reproduces the audio information simultaneously with reproduction of the still picture information in accordance with the audio repeat information in the reproduction control information.